

Multiplying with Mixed Numerals

Use the following steps in multiplication with mixed numerals.

- Rename each mixed numeral as a fraction.
- Multiply. (Divide by any common factors.)
- Rename the product as a mixed numeral in simplest form.

Complete.

1. $2\frac{2}{3} \times 1\frac{1}{4} =$

$$\frac{\square}{3} \times \frac{\square}{4}$$

2. $1\frac{1}{8} \times 5\frac{1}{3} =$

$$\frac{\square}{8} \times \frac{\square}{3}$$

3. $1\frac{2}{7} \times 2\frac{1}{3} =$

$$\frac{9}{\square} \times \frac{7}{\square}$$

4. $1\frac{2}{3} \times 2\frac{1}{2} =$

$$\frac{\square}{\square} \times \frac{\square}{\square}$$

5. $2\frac{1}{5} \times 1\frac{2}{7} =$

$$\frac{\square}{\square} \times \frac{\square}{\square}$$

6. $9\frac{1}{3} \times 3\frac{3}{4} =$

$$\frac{\square}{\square} \times \frac{\square}{\square}$$

Multiply. Write each product in simplest form.

7. $3\frac{1}{3} \times 4\frac{1}{2} =$

8. $1\frac{1}{2} \times 2\frac{1}{2} =$

9. $1\frac{5}{6} \times 5\frac{1}{2} =$

10. $2\frac{1}{2} \times 1\frac{1}{10} =$

11. $2\frac{1}{6} \times 2\frac{4}{7} =$

12. $5\frac{1}{3} \times 1\frac{4}{5} =$

13. $1\frac{7}{9} \times 5\frac{1}{4} =$

14. $3\frac{1}{5} \times 2\frac{1}{12} =$

15. $4\frac{9}{10} \times 1\frac{5}{21} =$